

AMENDMENTS TO THE ABSTRACT

Please replace the Abstract with the following:

A system for the management of thermal transfer in a gas turbine engine includes a heat generating sub-system ~~disposed~~ in operable communication with the engine, a fuel source ~~configured~~ to supply a fuel, a fuel stabilization unit ~~configured~~ to receive the fuel from the fuel source and to provide the fuel to the engine, and a heat exchanger ~~disposed~~ in thermal communication with the fuel to ~~effect the transfer of~~ heat from the heat generating sub-system to the fuel. A method of managing thermal transfer in an aircraft includes removing oxygen from a stream of a fuel fed to an engine used to drive the aircraft, transferring heat from a heat generating sub-system of the aircraft to the fuel, and combusting the fuel. A system for the thermal management of an aircraft provides for ~~includes means for~~ powering the aircraft, ~~means for~~ supplying a fuel ~~to the means for powering the aircraft, means for~~ deoxygenating the fuel, and ~~means for effecting the transfer of~~ transferring heat between a heat generating sub-system of the aircraft and the fuel.